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मानक

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IS 8886-17 (1980): Ships' Ordinary Rectangular Windows, Part XVII: Details of Frame, Outward Opening, Side Hinged, Heavy Type Welded Windows [TED 17: Shipbuilding]



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Indian Standard

SPECIFICATION FOR  
SHIPS' ORDINARY RECTANGULAR WINDOWSPART XVII DETAILS OF FRAME, OUTWARD OPENING, SIDE  
HINGED, HEAVY AND LIGHT TYPE WELDED WINDOWS

**1. Scope** — Specifies the dimensions of frame for outward opening, side hinged, heavy and light type welded windows.

**1.1** This standard applies to both left and right hand opening windows.

**2. Terminology** — For the purpose of this standard, the terms and definitions given in IS : 8886 (Part I) - 1978 'Specification for ships' ordinary rectangular windows: Part I Types and dimensions' shall apply.

**3. Material** — The material used for the construction of frame shall be according to IS : 8886 (Part II) - 1978 'Specification for ships' ordinary rectangular windows: Part II General requirements'.

**4. Dimensions**

**4.1** The dimensions of frame shall be as given in Table 1. For main dimensions of windows, see IS : 8886 (Part I) - 1978.

**4.2** The position of hinges and lugs for swing bolts shall be according to IS : 8886 (Part IV) - 1980 'Specification for ships' ordinary rectangular windows: Part IV Details of position of lugs for hinges and swing bolts and securing holes on the frame'.

**5. Tolerances** — The tolerances on dimensions shall conform to coarse series of IS : 2102-1969 'Allowable deviations for dimensions without specified tolerances (*first revision*)' except on those dimensions indicated in Table 1.

Adopted 29 February 1980

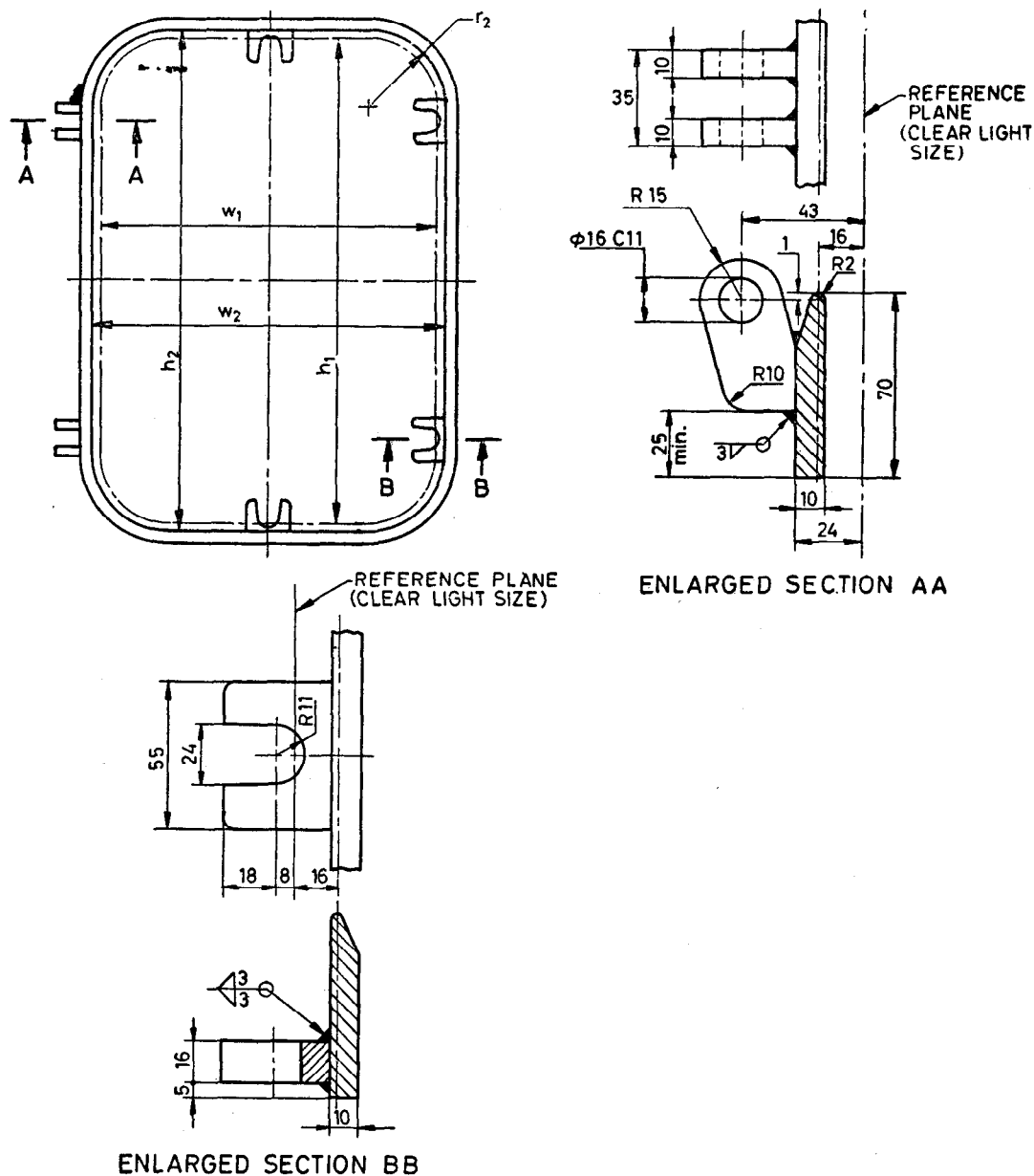
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**TABLE 1 DIMENSIONS OF FRAME FOR OUTWARD OPENING, HEAVY AND LIGHT TYPE WELDED WINDOW**

(Clauses 4.1 and 5)

All dimensions in millimetres.



Window No.	Nominal Size $w_1 \times h_1$	$w_2 \times h_2$	$r_2$	Minimum Number of Closing Devices
1	300 × 425	328 × 453	64	2
2	355 × 500	373 × 528	64	2
3	400 × 560	428 × 588	64	2
4	450 × 630	478 × 658	114	2
5	500 × 710	528 × 738	114	4
6	560 × 800	588 × 828	114	4

## EXPLANATORY NOTE

This standard is one of a series of Indian Standards on ships' rectangular windows. Other standards in the series are:

- Part I Types and dimensions
- Part II General requirements
- Part III Positioning
- Part IV Details of position of lugs for hinges and swing bolts and securing holes on the frame
- Part V Details of frame, inward opening, side hinged, heavy type bolted windows
- Part VI Details of frame, inward opening, side hinged, light type bolted windows
- Part VII Details of frame, inward opening, side hinged, heavy and light type welded windows
- Part VIII Details of frame, inward opening, top hinged, heavy type bolted windows
- Part IX Details of frame, inward opening, top hinged, light type bolted windows
- Part X Details of frame, inward opening, top hinged, heavy and light type welded windows
- Part XI Details of frame, non-opening, heavy type bolted windows
- Part XII Details of frame, non-opening, light type bolted windows
- Part XIII Details of frame, non-opening, heavy type welded windows
- Part XIV Details of frame, non-opening, light type welded windows
- Part XV Details of frame, outward opening, side hinged, heavy type bolted windows
- Part XVI Details of frame, outward opening, side hinged, light type bolted windows
- Part XVII Details of frame, outward opening, side hinged, heavy and light type welded windows
- Part XVIII Details of glass holder, inward opening, side hinged, heavy and light type bolted and welded windows
- Part XIX Details of glass holder, outward opening, side hinged, heavy and light type bolted and welded windows
- Part XX Details of glass holder, top hinged, heavy and light type bolted and welded windows
- Part XXI Details of hinge pin
- Part XXII Details of swing bolts and wing nuts

In the preparation of this standard assistance has been derived from the following:

- ISO 3903-1977 Shipbuilding — Ships' ordinary rectangular windows. International Organization for Standardization ( ISO )
- DIN 81650-1967 Rectangular windows for ships, directives for construction. Deutsches Institut für Normung.